

## Table ENG-5. - Sanitary Facilities

King and Queen County, Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1A:					
Augusta	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	0.50
		Flooding	0.40	Flooding	0.40
Munden	6	Not Rated		Not Rated	
Tetotum	5	Not Rated		Not Rated	
Roanoke	4	Not Rated		Not Rated	
Tomotley	3	Not Rated		Not Rated	
Wahee	2	Not Rated		Not Rated	
2A:					
Bojac	80	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Depth to saturated zone	0.40	Flooding	0.40
		Flooding	0.40		
Munden	6	Not Rated		Not Rated	
State	6	Not Rated		Not Rated	
Tarboro	4	Not Rated		Not Rated	
Craven	2	Not Rated		Not Rated	
Tetotum	2	Not Rated		Not Rated	
2B:					
Bojac	80	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Depth to saturated zone	0.40	Flooding	0.40
		Flooding	0.40	Slope	0.32
Munden	6	Not Rated		Not Rated	
State	6	Not Rated		Not Rated	
Tarboro	4	Not Rated		Not Rated	

## Table ENG-5. - Sanitary Facilities - Continued

King and Queen County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
2B:					
Craven	2	Not Rated		Not Rated	
Tetotum	2	Not Rated		Not Rated	
3A:					
Craven	80	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Seepage	1.00
Mattaponi	5	Not Rated		Not Rated	
Slagle	5	Not Rated		Not Rated	
Emporia	4	Not Rated		Not Rated	
Tetotum	2	Not Rated		Not Rated	
Bojac	1	Not Rated		Not Rated	
Munden	1	Not Rated		Not Rated	
Rumford	1	Not Rated		Not Rated	
State	1	Not Rated		Not Rated	
3B:					
Craven	80	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Seepage Slope	1.00 0.32
Mattaponi	5	Not Rated		Not Rated	
Slagle	5	Not Rated		Not Rated	
Emporia	4	Not Rated		Not Rated	
Tetotum	2	Not Rated		Not Rated	
Bojac	1	Not Rated		Not Rated	
Munden	1	Not Rated		Not Rated	
Rumford	1	Not Rated		Not Rated	
State	1	Not Rated		Not Rated	

3C:

# Table ENG-5. - Sanitary Facilities - Continued

King and Queen County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
3C:					
Craven	80	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	1.00
				Seepage	1.00
Mattaponi	5	Not Rated		Not Rated	
Slagle	5	Not Rated		Not Rated	
Emporia	4	Not Rated		Not Rated	
Tetotum	2	Not Rated		Not Rated	
Bojac	1	Not Rated		Not Rated	
Munden	1	Not Rated		Not Rated	
Rumford	1	Not Rated		Not Rated	
State	1	Not Rated		Not Rated	
4A:					
Emporia	80	Very limited		Somewhat limited	
		Restricted permeability	1.00	Depth to saturated zone	0.92
		Depth to saturated zone	1.00	Seepage	0.32
Rumford	5	Not Rated		Not Rated	
Slagle	5	Not Rated		Not Rated	
Suffolk	5	Not Rated		Not Rated	
Mattaponi	3	Not Rated		Not Rated	
Craven	2	Not Rated		Not Rated	
4B:					
Emporia	80	Very limited		Somewhat limited	
		Restricted permeability	1.00	Depth to saturated zone	0.92
		Depth to saturated zone	1.00	Seepage	0.32
				Slope	0.32
Rumford	5	Not Rated		Not Rated	
Slagle	5	Not Rated		Not Rated	
Suffolk	5	Not Rated		Not Rated	

## Table ENG-5. - Sanitary Facilities - Continued

King and Queen County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
4B:					
Mattaponi	3	Not Rated		Not Rated	
Craven	2	Not Rated		Not Rated	
4C:					
Emporia	80	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	0.92
				Seepage	0.32
Rumford	5	Not Rated		Not Rated	
Slagle	5	Not Rated		Not Rated	
Suffolk	5	Not Rated		Not Rated	
Mattaponi	3	Not Rated		Not Rated	
Craven	2	Not Rated		Not Rated	
5D:					
Emporia	35	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	0.92
				Seepage	0.32
		Slope	0.37		
Slagle	30	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00	Slope	1.00
		Slope	0.37	Seepage	0.50
Rumford	25	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Slope	0.37	Slope	1.00
Craven	3	Not Rated		Not Rated	
Mattaponi	3	Not Rated		Not Rated	
Suffolk	2	Not Rated		Not Rated	
Bibb	1	Not Rated		Not Rated	
Kinston	1	Not Rated		Not Rated	

5E:

## Table ENG-5. - Sanitary Facilities - Continued

King and Queen County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
5E:					
Emporia	35	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	1.00	Depth to saturated zone	0.92
		Depth to saturated zone	1.00	Seepage	0.32
Slagle	30	Very limited		Very limited	
		Depth to saturated zone	1.00	Slope	1.00
		Slope	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00	Seepage	0.50
Rumford	25	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
Craven	3	Not Rated		Not Rated	
Mattaponi	3	Not Rated		Not Rated	
Suffolk	2	Not Rated		Not Rated	
Bibb	1	Not Rated		Not Rated	
Kinston	1	Not Rated		Not Rated	
6A:					
Faceville	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Seepage	0.50
Mattaponi	8	Not Rated		Not Rated	
Suffolk	4	Not Rated		Not Rated	
Slagle	3	Not Rated		Not Rated	
6B:					
Faceville	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Seepage	0.50
				Slope	0.32
Mattaponi	8	Not Rated		Not Rated	
Suffolk	4	Not Rated		Not Rated	
Slagle	3	Not Rated		Not Rated	

7A:

## Table ENG-5. - Sanitary Facilities - Continued

King and Queen County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
7A:					
Kinston	45	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	0.50
Bibb	35	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	0.50
Levy	5	Not Rated		Not Rated	
Rappahannock	5	Not Rated		Not Rated	
Roanoke	5	Not Rated		Not Rated	
Tomotley	5	Not Rated		Not Rated	
8A:					
Levy	80	Very limited		Very limited	
		Flooding	1.00	Ponding	1.00
		Restricted permeability	1.00	Flooding	1.00
		Ponding	1.00	Depth to saturated zone	1.00
Bibb	5	Not Rated		Not Rated	
Kinston	5	Not Rated		Not Rated	
Rappahannock	5	Not Rated		Not Rated	
Roanoke	3	Not Rated		Not Rated	
Tomotley	2	Not Rated		Not Rated	
9A:					
Mattaponi	80	Very limited		Somewhat limited	
		Restricted permeability	1.00	Depth to saturated zone	0.17
		Depth to saturated zone	0.84		
Emporia	6	Not Rated		Not Rated	
Craven	5	Not Rated		Not Rated	
Slagle	4	Not Rated		Not Rated	

# Table ENG-5. - Sanitary Facilities - Continued

King and Queen County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
9A:					
Faceville	3	Not Rated		Not Rated	
Rumford	1	Not Rated		Not Rated	
Suffolk	1	Not Rated		Not Rated	
9B:					
Mattaponi	80	Very limited Restricted permeability Depth to saturated zone	1.00  0.84	Somewhat limited Slope Depth to saturated zone	0.32  0.17
Emporia	6	Not Rated		Not Rated	
Craven	5	Not Rated		Not Rated	
Slagle	4	Not Rated		Not Rated	
Faceville	3	Not Rated		Not Rated	
Rumford	1	Not Rated		Not Rated	
Suffolk	1	Not Rated		Not Rated	
9C:					
Mattaponi	80	Very limited Restricted permeability Depth to saturated zone	1.00  0.84	Very limited Slope Depth to saturated zone	1.00  0.17
Emporia	6	Not Rated		Not Rated	
Craven	5	Not Rated		Not Rated	
Slagle	4	Not Rated		Not Rated	
Faceville	3	Not Rated		Not Rated	
Rumford	1	Not Rated		Not Rated	
Suffolk	1	Not Rated		Not Rated	
10A:					
Munden	80	Very limited Depth to saturated zone Filtering capacity	1.00  1.00	Very limited Depth to saturated zone Seepage	1.00  1.00
Bojac	5	Not Rated		Not Rated	

## Table ENG-5. - Sanitary Facilities - Continued

King and Queen County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
10A:					
State	5	Not Rated		Not Rated	
Tarboro	4	Not Rated		Not Rated	
Tetotum	4	Not Rated		Not Rated	
Craven	2	Not Rated		Not Rated	
10B:					
Munden	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Filtering capacity	1.00	Seepage Slope	1.00 0.32
Bojac	5	Not Rated		Not Rated	
State	5	Not Rated		Not Rated	
Tarboro	4	Not Rated		Not Rated	
Tetotum	4	Not Rated		Not Rated	
Craven	2	Not Rated		Not Rated	
11A:					
Pits, gravel	85	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
Dumps	5	Not Rated		Not Rated	
Landfills	5	Not Rated		Not Rated	
Water	5	Not Rated		Not Rated	
12A:					
Rappahannock	80	Very limited		Very limited	
		Flooding	1.00	Ponding	1.00
		Ponding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Content of organic matter	1.00
Bibb	5	Not Rated		Not Rated	
Kinston	5	Not Rated		Not Rated	
Levy	5	Not Rated		Not Rated	
Roanoke	3	Not Rated		Not Rated	
Tomotley	2	Not Rated		Not Rated	



## Table ENG-5. - Sanitary Facilities - Continued

King and Queen County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
13A:					
Roanoke	80	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00	Flooding	0.40
Tomotley	6	Not Rated		Not Rated	
Wahee	5	Not Rated		Not Rated	
Augusta	4	Not Rated		Not Rated	
Bibb	2	Not Rated		Not Rated	
Kinston	2	Not Rated		Not Rated	
Levy	1	Not Rated		Not Rated	
14B:					
Rumford	80	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
				Slope	0.08
Suffolk	8	Not Rated		Not Rated	
Emporia	5	Not Rated		Not Rated	
Slagle	3	Not Rated		Not Rated	
Craven	2	Not Rated		Not Rated	
Mattaponi	2	Not Rated		Not Rated	
14C:					
Rumford	80	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
				Slope	1.00
Suffolk	8	Not Rated		Not Rated	
Emporia	5	Not Rated		Not Rated	
Slagle	3	Not Rated		Not Rated	
Craven	2	Not Rated		Not Rated	
Mattaponi	2	Not Rated		Not Rated	

15A:

## Table ENG-5. - Sanitary Facilities - Continued

King and Queen County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
15A:					
Slagle	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00	Seepage	0.50
Craven	5	Not Rated		Not Rated	
Emporia	5	Not Rated		Not Rated	
Mattaponi	5	Not Rated		Not Rated	
Suffolk	3	Not Rated		Not Rated	
Rumford	2	Not Rated		Not Rated	
15B:					
Slagle	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00	Seepage	0.50
				Slope	0.32
Craven	5	Not Rated		Not Rated	
Emporia	5	Not Rated		Not Rated	
Mattaponi	5	Not Rated		Not Rated	
Suffolk	3	Not Rated		Not Rated	
Rumford	2	Not Rated		Not Rated	
15C:					
Slagle	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00	Slope	1.00
				Seepage	0.50
Craven	5	Not Rated		Not Rated	
Emporia	5	Not Rated		Not Rated	
Mattaponi	5	Not Rated		Not Rated	
Suffolk	3	Not Rated		Not Rated	
Rumford	2	Not Rated		Not Rated	

16A:

## Table ENG-5. - Sanitary Facilities - Continued

King and Queen County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
16A:					
State	80	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50		
		Depth to saturated zone	0.40		
Bojac	5	Not Rated		Not Rated	
Munden	5	Not Rated		Not Rated	
Tetotum	5	Not Rated		Not Rated	
Tarboro	3	Not Rated		Not Rated	
Craven	2	Not Rated		Not Rated	
16B:					
State	80	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50	Slope	0.32
		Depth to saturated zone	0.40		
Bojac	5	Not Rated		Not Rated	
Munden	5	Not Rated		Not Rated	
Tetotum	5	Not Rated		Not Rated	
Tarboro	3	Not Rated		Not Rated	
Craven	2	Not Rated		Not Rated	
17A:					
Suffolk	80	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50		
Emporia	5	Not Rated		Not Rated	
Rumford	5	Not Rated		Not Rated	
Slagle	5	Not Rated		Not Rated	
Mattaponi	3	Not Rated		Not Rated	
Craven	2	Not Rated		Not Rated	

17B:

# Table ENG-5. - Sanitary Facilities - Continued

King and Queen County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
17B:					
Suffolk	80	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50	Slope	0.32
Emporia	5	Not Rated		Not Rated	
Rumford	5	Not Rated		Not Rated	
Slagle	5	Not Rated		Not Rated	
Mattaponi	3	Not Rated		Not Rated	
Craven	2	Not Rated		Not Rated	
17C:					
Suffolk	80	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50	Slope	1.00
Emporia	5	Not Rated		Not Rated	
Rumford	5	Not Rated		Not Rated	
Slagle	5	Not Rated		Not Rated	
Mattaponi	3	Not Rated		Not Rated	
Craven	2	Not Rated		Not Rated	
18B:					
Tarboro	80	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Flooding	0.40	Flooding	0.40
				Slope	0.08
Bojac	8	Not Rated		Not Rated	
State	6	Not Rated		Not Rated	
Munden	4	Not Rated		Not Rated	
Tetotum	2	Not Rated		Not Rated	
19A:					

# Table ENG-5. - Sanitary Facilities - Continued

King and Queen County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
19A:					
Tetotum	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50	Flooding	0.40
Augusta	4	Not Rated		Not Rated	
State	4	Not Rated		Not Rated	
Bojac	3	Not Rated		Not Rated	
Munden	3	Not Rated		Not Rated	
Wahee	3	Not Rated		Not Rated	
Tarboro	2	Not Rated		Not Rated	
Craven	1	Not Rated		Not Rated	
19B:					
Tetotum	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50	Flooding	0.40
Augusta	4	Not Rated		Not Rated	
State	4	Not Rated		Not Rated	
Bojac	3	Not Rated		Not Rated	
Munden	3	Not Rated		Not Rated	
Wahee	3	Not Rated		Not Rated	
Tarboro	2	Not Rated		Not Rated	
Craven	1	Not Rated		Not Rated	
19C:					
Tetotum	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Filtering capacity	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	1.00

# Table ENG-5. - Sanitary Facilities - Continued

King and Queen County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
19C:					
Augusta	4	Not Rated		Not Rated	
State	4	Not Rated		Not Rated	
Bojac	3	Not Rated		Not Rated	
Munden	3	Not Rated		Not Rated	
Wahee	3	Not Rated		Not Rated	
Tarboro	2	Not Rated		Not Rated	
Craven	1	Not Rated		Not Rated	
20A:					
Tomotley	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.68	Seepage	0.50
		Flooding	0.40	Flooding	0.40
Roanoke	5	Not Rated		Not Rated	
Wahee	5	Not Rated		Not Rated	
Augusta	4	Not Rated		Not Rated	
Bibb	2	Not Rated		Not Rated	
Kinston	2	Not Rated		Not Rated	
Levy	1	Not Rated		Not Rated	
Rappahannock	1	Not Rated		Not Rated	
21A:					
Wahee	80	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Flooding	0.40
		Flooding	0.40		
Roanoke	5	Not Rated		Not Rated	
Tomotley	5	Not Rated		Not Rated	
Augusta	4	Not Rated		Not Rated	
Munden	3	Not Rated		Not Rated	

**Table ENG-5. - Sanitary Facilities - Continued**

King and Queen County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
21A:					
Tetotum	3	Not Rated		Not Rated	
W:					
Water	100	Not Rated		Not Rated	